Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 06 Mar 2024 until 23:59 on Thursday 07 Mar 2024

Forecast Issued on Tuesday 05 Mar 2024 at 12:11

Confidence: Generally high confidence in the weather pattern through the week and into the weekend, lower for extent of heavy rainfall by Sunday.

Headline for Wednesday 06 Mar 2024: Mostly dry with patchy cloud and sunny spells.

Mountain weather hazards on Wednesday 06 Mar 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny	Sunny intervals	Sunny intervals	Clear night	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	10%	10%	30%	10%	10%

Forecast for Wednesday 06 Mar 2024

Weather: Some mist patches in valleys during the early hours, soon improving. There will be patchy cloud and clear or sunny spells throughout the day. Chance of the odd spot of rain during the afternoon but dry for the most part.

Chance of cloud-free hill tops above 800m: 80-90%

Low cloud and visibility: Few cloud base 500-700m during the early hours, otherwise clear skies or patchy high cloud. Visibility generally good but moderate in any early mist.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 06 Mar 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	7/9 SE	8/10 SE	10/14 SE	14/19 SE	17/24 SE	16/22 SE	19/25 SE	22/29 SE	22/29 SE
600	7/9 SE	7/10 SE	9/13 SE	13/19 SE	15/23 SE	13/20 SE	16/24 SE	19/29 SE	18/28 SE
300	4/8 SE	4/8 SE	3/9 SE	4/12 SE	9/19 SE	9/19 SE	7/19 SE	9/22 SE	9/23 SE
Valley	3/6 E	2/6 E	3/9 E	5/11 E	7/14 SE	6/13 SE	5/15 SE	8/19 SE	8/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-3	-0/-4	0/-4	1/-4	1/-4	2/-4	1/-5	1/-6	0/-6
600	2/-1	1/-2	1/-2	2/-3	4/-1	4/0	3/-2	2/-4	1/-4
300	3/1	2/1	2/1	5/3	7/4	7/4	5/2	4/1	3/-0
Valley	5/4	4/3	4/3	6/5	9/7	9/8	7/6	6/4	6/3
Freezing Level*	900m	900m	900m	900m	900m	1000m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height despite the sunshine, be prepared with appropriate layers.

Forecast for Thursday 07 Mar 2024

Weather: Patchy cloud and sunny spells on Thursday, a few showers developing later in the afternoon or evening but an otherwise dry day.

Maximum wind: Southeast 15-20 mph

Chance of cloud-free hill tops above 800m: 60-70% during the early hours, soon improving to 90%

Low cloud and visibility: Few or scattered cloud base 500-700m during the early hours, lifting by morning. Visibility good but temporarily reduced in any showers.

Temperature: **Valleys:** Plus 3 rising to plus 9 Celsius
At 800m: Zero to plus 2 Celsius
Freezing level: 800-1000m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 5 March 2024 Location: Helvellyn summit at 11:15 Full report: A cloudy morning with limited visibility suddenly cleared to give a warm and sunny afternoon with excellent views. Warmer temperatures have accelerated the thaw and there has been a dramatic loss of snow cover from lower levels especially on south facing aspects. The snow level was anywhere between 300m and 700m dependent on location. However the higher summits are still in full winter condition requiring the correct skills and equipment. The snow is slowly consolidating and firming up but is still hard work when breaking trail. Depth increased with height and was generally boot to calf deep with knee deep drifts. On the summits there has been a couple of inches of new snow overnight. On popular paths the snow has been compacted beneath walkers feet and is becoming hard and icy. Crampons or microspikes were very useful on even the easiest of paths above the snowline with the former essential on the Helvellyn Edges. Large unstable cornices (snow overhangs) were evident above north through east aspects and should be given a wide berth. Limited visibility and extensive snow cover this morning meant the ability to accurately navigate was critical to safe travel. Many landmarks, paths, cornices and large drops were almost impossible to discern through the cloud - until the sun appeared 10 minutes after the assessor left the summit! Full winter clothing including boots with good grip, waterproof top & bottoms, warm layers and hats & gloves are currently essential to safely explore the Lake District fells. Checking the weather forecast and carrying and knowing how & when to use a map, compass, headtorch and goggles is also critical. An ice axe and crampons will be essential for anyone attempting the Helvellyn Edges or any other exposed ground where the consequences of a slip could be very serious. Temperature: plus 0.2 C, Maximum wind speed 14.6 mph, Wind chill: minus 6.5 C, Average wind speed: 10.4 mph

Issued at: 1625 on Tue 05 Mar 2024

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